2001서울제36회국제기능올림픽대회
2001 SEOUL 36TH WORLD SKILLS COMPETITION

2001서울제36회국제기능올림픽대회 조직위
Organization Committee
2001 Seoul 36th World Skills Competition

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World Skills Competition
December.2001

36th

2001 Seoul 36th World Skills Competition

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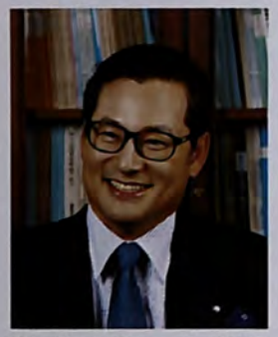
Message from the Chairman



The 36th World Skills Competition which magnificently opened the 21st century was the largest scaled competition in WorldSkills history. Over 2,000 participants including 661 competitors from 35 WorldSkills member countries who participated in the 36th World Skills Competition all contributed to rewriting a new chapter in the history of World Skills Competition. The host city Seoul, the center of the former 24th Olympic Games in 1988 and the upcoming FIFA Worldcup Games in 2002, was born again as the center of culture · economy through the hosting of the economic olympics, the World Skills Competition.

The successful hosting of the 36th World Skills Competition may be attributed to the cooperation of the WorldSkills and all the support of its member countries together with the dedicated support and cooperation of all relevant personnel of Korea. We sincerely express our gratitude to everyone for having shared their passion and valuable time to bring the 36th World Skills Competition into an overwhelming success.

Not only the official participants but also the 100,000 visitors who shared the excitement of the 36th World Skills Competition will treasure the good memories in Seoul forever.

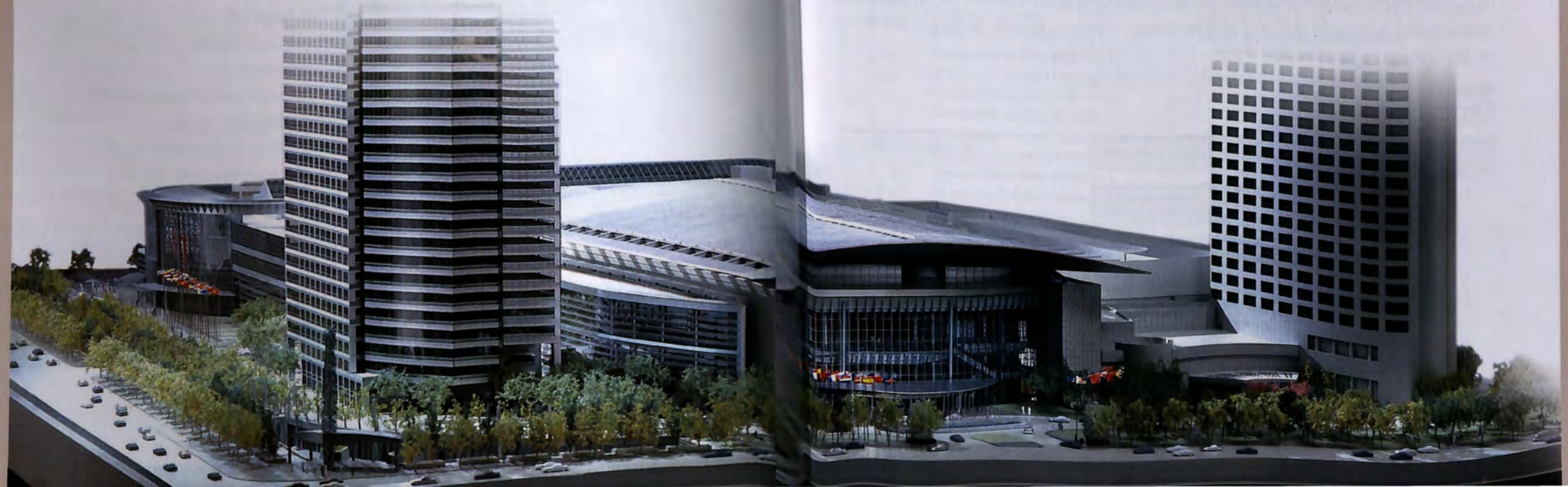
The 36th World Skills Competition was not only the largest scaled, but did also present new horizons in IT related fields with new trades such as Information Technology Software Application, Web Design and high participation and interest in service · environment industry field such as Restaurant Service, Cooking, Landscape Gardening. As a team trade that required a combination of fitting, CNC, electrical and electronic skills, Manufacturing Team Challenge was introduced to present a new direction for future World Skills Competitions.

The Organization Committee hopes future World Skills Competition can be developed into an international event that can lead the industry sectors that the information-knowledge based society truly demands.

We look forward to seeing everyone again in St. Gallen in 2003 with the unforgettable memories of Seoul in our hearts.

Cheon-Seo Koo

Chairman / Organization Committee of 2001 Seoul 36th World Skills Competition
President / Human Resources Development Service of Korea

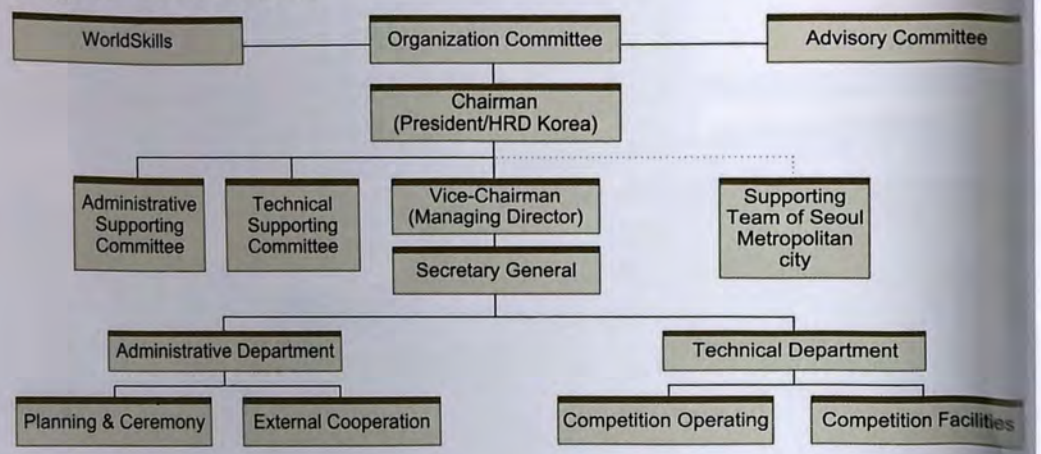


Organization Committee of the 36th World Skills Competition

The Organization Committee was initially inaugurated on March 22, 2000 with 15 staff members. As the preparatory activities grew bigger the number of staff members also increased to a total 37 during the peak of the competition preparation. Under the Organization Committee there were several working teams, the Secretariat and various supportive groups such as the Advisory Committee, the Administrative Supporting Committee and the Technical Advisory Committee. The success of the competition depended heavily on the promotional activities. For this purpose, an advisory committee was made up of prominent leaders of each field, to promote the public awareness and interest.

The Administrative Supporting Committee was made up of 28 representatives of the government sector. Ministry of Finance & Economy, Ministry of Government Administration & Home Affairs, Ministry of Culture & Tourism, National Police Agency, Korea Customs Service, etc.. to support the traffic, security & safety, customs, promotion. From the private sectors included representatives from COEX, event agents, hotels, restaurants, etc. The Technical Advisory Committee was made up to assist the set-up of the competition site and the supply of equipment, facilities and materials with 95 members who either had experience in previous competitions or professionals in relevant fields. The host city of the 36th World Skills Competition, Seoul City made up an individual support group and fully supported the Organization Committee in every administrative difficulty that came along in preparing the competition. The Secretariat was again divided into the Administrative and Technical Department. And the Administrative Department had the Administrative Section and External Cooperation Section. The Technical Department was also divided into 2 sections, the Competition Operating Section and Competition Facilities Section. The Administrative Section was responsible for the general planning, budget, various events and operations while the External Cooperation Section took charge of all the promotion, correspondences with member countries. The Competition Operating Section was responsible for the management of the competition site personnel, post management of facilities · equipment and the Competition Facilities Section the preparing and setting up of the facilities · equipment; however, the roles of each section was often difficult to separate distinctly.

Organization Chart



Program

Time / Date	08:00 09:00 10:00 11:00 12:00 13:00	14:00 15:00 16:00 17:00 18:00 19:00 20:00
9. 04 (Tue)	Arrival of General Secretariat (9/1) General Secretariat : Setting-up of Offices, Test Project, etc.	
9. 05 (Wed)	Arrival of WS Chairman & Vice-Chairman of Technical Committee, Senior-Jury-Presidents General Secretariat : Preparation of Test Projects	
9. 06 (Thur)	Arrival of Technical Delegates, Experts Senior-Jury-President Training & Meeting(09:00~17:00)	**Welcome Reception :** Technical Delegates, Experts(19:00~21:00)
9. 07 (Fri)	**Technical Committee Meeting**(09:00~12:00) City tour : Experts(08:00~)	Chief-Experts Training by Senior-Jury-President(14:00~) Technical Delegates, Experts(13:30~)
9. 08 (Sat)	Expert's Training(09:00~19:30)	Senior-Jury-President Meeting(14:00~)
9. 09 (Sun)	Arrival of Official Delegates, Candidates & Observers QM-Group Meeting(09:00~10:30)	**Welcome Reception :** Official Delegates, Candidates & Observers (19:00~21:00)
9. 10 (Mon)	Translation of Test Project(09:00~18:00) Senior-Jury-President Meeting(10:00~11:00) Competition site visit(Candidates)	Executive Board Meeting (16:15~18:00) City Tour : Official Delegates, Candidates, Observers(13:30~)
9. 11 (Tue)	**Technical Committee Meeting** (09:45~11:45)	**Strategic Committee Meeting**(14:00~19:00) Workshop inspection(14:00~) Executive Board Meeting(20:30~22:00)
9. 12 (Wed)	General Assembly(09:00~12:00) Workshop inspection(09:00~)	**Opening Ceremony**(17:00~19:00)
9. 13 (Thur)	**Competition (Day 1)**(10:00~) Candidates Training: Briefing of test projects(10:00~)	WS Reception for Official Observers & Official Delegates(11:45~15:00) Senior-Jury-President Meeting(10:45~)
9. 14 (Fri)	**Competition (Day 2)**(09:00~) Senior-Jury-President Meeting(09:00 ~) Diplomats Reception(10:00~14:00)	WorldSkills Seminar(13:30~18:00)
9. 15 (Sat)	**Competition (Day 3)**(09:00~) Senior-Jury-President Meeting(09:00 ~) MTC Demonstration(11:00~)	Executive Board Meeting(14:30~17:30)
9. 16 (Sun)	**Competition (Day 4)**(09:00~) Senior-Jury-President Meeting(09:00~)	Exchange of experience, Packing (16:00~)
9. 17 (Mon)	Tour, Industrial visit(08:00~) MTC Final Meeting(09:30~)	Evaluation & Assessment (09:00~16:00) Party for the Team Leader (19:00~21:00)
9. 18 (Tue)	Tour, Industrial visit(08:00~)	Evaluation & Assessment(09:00~16:00) Executive Board Meeting(16:00~18:00)
9. 19 (Wed)	**Technical Committee Meeting** (08:30~10:00) General Assembly(10:00~)	Cocktail Party-WS(13:30~14:30) **Closing Ceremony** (17:00) Farewell Party(20:00~22:00)
9. 20 (Thur)	Departure	

Participants' Registration

Registration

The actual registration of the 36th World Skills Competition began with the notification of the package prices to the member countries on December 8, 2000. Amongst the 36 member countries, 35 countries, with South Africa not participating, a total of 2,007 participants including 661 candidates and 1,346 delegates, observers, etc... had registered the 36th World Skills Competition.

In order to effectively manage the data, the Organization Committee developed a registration S/W program and this database was efficiently applied to all areas of preparation.

Registration status

Country	Official Delegate	Technical Delegate	Experts	Team-Leader	Candi-dates	Official Observer	Observer	Accompany-ing person	Others	Total
WorldSkills Secretariat										7
WorldSkills Interpreter										8
Germany	1	2	29	2	33	2	9	3		81
Singapore	1	1	11	1	11	2	26			53
Australia	1	1	26	2	28	2	13		2	75
France	1	1	33	2	35	1	2	1	35	111
Netherlands	1	1	26	2	29	1	10	7	8	85
United Kingdom	1	1	30	2	30	2	7	2	75	
Taiwan	1	1	36	2	37	1	51			129
Sweden	1	1	17	2	18	2	37	1	12	91
Finland	1	1	30	2	32	2	21	3		92
Hong Kong	1	1	14	1	14	3				34
Japan	1	1	31	2	33	2	55		17	142
Portugal	1	1	12	1	12		1			28
Thailand	1	1	15	2	16	23	13			71
Macao	1	1	1	1	3	1	1			9
Austria	1	1	19	2	21	1	4		4	53
Norway	1	1	18	1	19	1				41
Switzerland	1	1	35	2	37	1	4	1		82
Korea	1	1	45	2	66	1			66	182
Italy, South Tyrol	1	1	14	1	15	2	17			51
Denmark	1	1	4	1	4	3			5	19
Belgium		1	9	1	9	1			5	26
Ireland	1	1	15	2	15	8	8	5		55
New Zealand	1	1	15	2	13		1			33
Brazil	1	1	17	2	20	5	14	4		64
Canada	1	1	30	2	32	4	25	3		98
Morocco	1	1	3	1	4					10
United States	1	1	7	1	7		4			21
Tunisia	1	1	3	1	3		2			11
Liechtenstein	1	1	9	1	9				3	24
Philippines		1	10		11				7	29
Luxembourg		1	5	1	5				1	13
United Arab Emirates		1	7	1	9	2	1			21
Malaysia	1	1	11	1	11	2	10			37
Iran	1	1	5	1	16	1	6			31
Saudi Arabia	1	1	4	1	4		4			15
Total	**31**	**36**	**596**	**51**	**661**	**73**	**349**	**30**	**165**	**2,007**

Accommodation & Meals (Lunches)

Accommodation

During the 36th World Skills Competition, a total of 750 candidates and team leaders from 35 countries were accommodated at the Seoul Olympic Parktel and 2 other hotels. 1,100 participants including the Official and Technical Delegates were accommodated at 6 different hotels including the Grand-Intercontinental Hotel.

An information desk was separately operated at each hotel with 1 staff from the Organization Committee and 1 interpreter. These information desks delivered ID cards, Participants' guide book, meal coupons, souvenirs, etc.. to participants when they checked in at each hotel. The information desks played an important role in giving out competition related information to the participants during the competition period. Urgent information from the Organization Committee could be efficiently delivered to the participants through each Information Desk.

In the candidates hotel, meeting rooms were provided for their candidates & team leaders meeting, candidates lounge, and other purposes. Therefore, member countries who did not have the separate space for their delegation could hold candidates and team leaders meetings at these meeting rooms.

Meals (Lunches)

At COEX, 2 restaurants were provided for the participants. One for the candidates and the other for all the other participants.

In order to solve the wide diversity of food cultures, meals were prepared in the buffet style with different menus every day. A vegetarian menu was provided for the Islamic participants and for their convenience, labels were attached to each dish for their easy distinction.

Reception · Transportation

Reception

For the arrival of the participants in Korea, 4 entrance gates and 2 information desks exclusively for the 36th World Skills Competition were opened at the Incheon International Airport. All the flight details of the participants were informed in advance and buses dispatched according to their arrival time to meet their fast and safe transportation into Seoul. One guide was stationed per bus to assist the participants. A total of 188 buses were used for the arrivals and departures (94 for arrival & 74 for departure) of the participants.

Transportation

For the transportation from/to the 9 hotels, competition site(COEX), reception site, opening & closing site, etc., shuttle buses were used. During the competition a total of 439 shuttle buses were operated.

Shuttle buses were placed considering the time and distance to enable the participants to arrive at the competition site and other event sites 30 minutes earlier. And just in case of emergency, 2 buses were constantly on the stand-by.

Tours · Industrial Visits

Official tours were divided into half-day full-day and optional tours. In the half-day tour, participants had the opportunity to visit the Kyongbokgung Palace of the Chosun Dynasty and the Seoul Tower where the view of the whole city and the Han River could be beautifully seen. The full-day tours consisted of visits to the Korean Folk Village and the exciting amusement park, the Everland. After the industrial visits, the 2002 Worldcup Stadium in Sangam was also visited. This visit was recommended by the host city of the 36th World Skills Competition, Seoul City.

Optional tours were also operated for the participants to select and tour at their free time, however, participation was not so satisfactory as we had expected.

The participants of the 36th World Skills Competition also had the opportunity to witness Korea's technology development at the Hyundai Motors and Kia Motors plants.

Receptions

Welcome Reception (Technical Delegates, Experts, Shopmasters)

The first Welcome Reception was held at the Seoul TEMF (Geomoongo Hall, 3rd Fl.) on September 6, 2001 (Thurs.) from 19:00 for the Technical Delegates, Experts who arrived in advance to the rest of the delegation. And shopmasters were also honored to be guests. Over 800 people attended this reception hosted by the Chairman of the Organization Committee, Mr. Koo Cheon Seo.

The World Vision Children Choir brought the participants together with their folk song performance. Korean traditional dances were also performed by the Kim Sang Duk Dance Troupe.

Welcome Reception (Official Delegates, Candidates, Observers)

The Mayor of Seoul City, Mr. Goh Kun, hosted the second Welcome Reception for the Official Delegates, Candidates, Team Leaders and Observers. It was held at the Olympic Park on September 9, 2001 (Sun). Over 1,300 people enjoyed various traditional performances by Kim Joong Ja Dance Troupe and spectacular fireworks welcoming everyone to the beautiful city, Seoul.

Farewell Party

The Farewell Party, the finale of the 36th World Skills Competition, was held after the Closing Ceremony at the Hanul Square located in the Olympic Park. The Farewell Party, hosted by the Minister of Labor Mr. Yoo Yong-Tae, was the biggest reception where all the participants joined in to share the excitement. Popular Korean singers Ms. Won Miyeon and Mr. Park Jongun and a country band "Taco Band" performed to make the farewell party even more exciting, not to mention the fireworks that climaxed the event.

Party for the Team Leaders

The Team Leaders of the member countries enjoyed a party thrown solely for them at the Olympic Parktel Hotel (Gindalre Hall) on September 17, 2001 (Mon) from 19:00. Team Leaders, press participants (approx. 70) shared the evening which provided an opportunity to promote the friendship and goodwill one another.

Diplomat's Reception

On September 14, 2001 (Fri.) the diplomats and ambassadors of the member countries had the opportunity to visit the competition site and encourage their country's candidates. The reception hosted by the Chairman of the Organization Committee began at 11:00 (ASEM Meeting Rm. 208) and was followed by a visit to the competition site with the Official delegates of each country. Over 80 participants, including 18 diplomats from 16 member countries and Official delegates participated in this meaningful event that helped enhance the image of the World Skills Competition.

WorldSkills Cocktail Party

After the final General Assembly held on September 19, 2001 (Wed.) over 80 participants including the Official and Technical Delegates gathered at the Ruby Hall (COEX Rm 321) at 13:30. The Worldskills Cocktail Party was the last official gathering of the delegates. It was hosted by the Chairman of the Organization Committee, Mr. Koo Cheon - Seo.

Opening · Closing Ceremony

Opening Ceremony

The Opening Ceremony that declared the official beginning of the 2001 Seoul 36th World Skills Competition was held at the Olympic Fencing Gymnasium on September 12, 2001 (Wed.) from 17:0 to 19:00.

The program of the Opening Ceremony was divided into the opening stage, official program and post-event program. In the opening stage, short performances were done while officially announcing the opening of the competition together with the

entrance of the Prime Minister, WorldSkills President, and other dignitaries. The WorldSkills flag was hoisted and the winners of the WorldSkills Identity Contest were awarded and then the marching-in of the candidates followed. The order of the candidates entrance was in the Korean alphabet order (Hangul) headed by Canada, the host of the 35th World Skills Competition and Korea the last. The Mayor of Seoul City welcomed the participants and the Minister of Labor made the inauguration statement of the 36th World Skills Competition. Mr. Tjerk Dusseldorp, President of WorldSkills, also had the opportunity to address the audience. These were followed by a congratulatory address by the Prime Minister, oath by the Experts representative and oath by the Candidates representative, and chorus of the "Skills Korea" theme song while the dignitaries were leaving the center stage.

In the post-event program, a children's choir, Korean hit songs and Korean traditional farmer's performances were staged on.

Closing Ceremony

The Closing Ceremony was also held at the Olympic Fencing Gymnasium on September 19, 2001 (Wed.) from 17:00 to 19:40. The ceremony was conducted in 3 sections, the opening stage, the official program and the post-event program. During the opening stage, visual images on the candidates marching in and on the competition were shown. The images on the 36th World Skills Competition made the participants reflect on the past few days of the competition.

The official program consisted of the dignitaries entrance, address by the Chairman of the Organization Committee, medal awarding, congratulatory performances, address by the Minister of Labor and the President of WorldSkills, WorldSkills flag descending ceremony and handing it over to the next host city, St. Gallen.

The post-event program wrapped up the ceremony with Korean traditional performances and top Korean singers performances. After the ceremony, all the participants moved to the Hanul Square in the Olympic Park for the Farewell Party.

WorldSkills Seminar

In joint efforts to find new directions in vocational training together with the development of the skills competition, the Organization Committee held the WorldSkills Seminar on September 14, 2001 (Fri.) at the Conference Center Meeting Room (COEX 401) under the title "New Direction of Vocational Training in the Information Knowledge-based Society".

3 presenters, Mr. Klaus Schaak (DSE TVET expert), Dr. Leon Richards (Senior Academic Dean/University of Hawaii Kapiolani Community College) and Uh Soo Bong (Director/Work Information Center, HRD Korea) and 4 panelists, Mr. Mitsunobu Kawakami (Director/International Co-operation Dept. of JAVADA), Mr. Chris Humphries (Chairman/UK Skills), Mr. Jung Chul Gyun (Vocational Training Policy Division/Ministry of Labor) and Mr. Duncan MacRae (President/Skills Canada) together with 250 audience who were interested or related to the vocational training of each member country joined in heated discussions for almost 5 hours.

The WorldSkills Seminar was evaluated to have helped re-acknowledge the significance of vocational training that the Organization Committee is pursuing and to have presented a new direction of vocational training in the information-knowledge based society.

Personnel support

Interpreters

To dissolve the language barriers of the 36th World Skills Competition, a large number of interpreters, mostly in the official languages (English, French, German) were contracted.

The interpreters were distinguished into simultaneous and consecutive interpreters. 7 WorldSkills interpreters and 2 Korean simultaneous interpreters for Korean · English interpretation were efficiently placed at the official WorldSkills meetings such as the General Assembly, Technical Committee Meeting, Strategic Committee Meeting. 4 teams of interpreters (2 interpreters per team) provided simultaneous interpretation in English, French, German and Korean in relays. A separate recorder was placed at each meeting.

Consecutive interpreters were operated in interpretation · translation for each trade, VIP interpretation, reception interpretation, etc.. A total of 43 interpreters · translators assisted all interpretation from the workshop allotment to the final assessment (September 8~17, 2001) of each trade. Interpretation was mostly provided in Korean and English.

Thanks to the hard work and services of all the interpreters, the competition was able to be held almost without any language barriers.

Volunteers and Assistant staff

In order to smoothly operate the various events and provide assistance in the competitions, volunteers and assistant staff were used. A total of 133 volunteers daily (total 688 people) made the opening · closing ceremony, receptions, industrial visits, transportation, protocol and the competition site set-up, various information delivery possible. 19 assistant staff helped out in the Press Center, Test Project (Computer Room), and each meeting room.

They all were selected through interviews and designated to the work fields according to their capabilities and interest. The utilization of volunteers in the competition helped attract interest and support for the "skilled technicians".

Shopmasters

The competition site needed a large number of shopmasters and shopmaster-assistants to prepare and set up all the facilities and equipment. 45 shopmasters (for each trade, including presentation trades), 2~3 second-shopmasters per trades (total 102) and 2~3 shopmaster-assistants for each trade (total 127) making a total of 274 shopmasters · assistants throughout the competition.

Through the flexible utilization of the shopmasters in the competition site and workshops, the setting up of the competition site, the efficient management of the facilities · equipment · materials and hygienic maintenance of

the workshop environment were possible that eventually played a huge role in leading the competition into a success.

Budget

In 1999, the government supported 17.3 billion Korean won(Korea Monetary Unit) as the full budget for the competition, however, among this amount, 15.6 billion won was made up as the working budget and 15.3 billion won was executed.

(unit : 1,000won)

Budget		Expenditure		Balance
Total	15,614,967		15,346,147	268,820
2000 Budget	4,716,467	Taxes	90,000	
2001 Budget	10,898,500	Rental & purchase of facilities, equipment	4,570,557	
		Rental of competition & event site	1,994,396	
		Opening · Closing Ceremony	600,000	
		Official receptions	36,363	
		Events	75,663	
		Meetings	161,000	
		WorldSkills Meeting · Seminar	20,700	
		Shopmasters, etc..	206,556	
		Dispatched staffs	100,000	
		Volunteers	43,637	
		Public relation/Promotion	2,011,732	
		Materials for each trade	887,111	
		Competition site set-up	1,540,000	
		Rental & set-up of offices, materials	100,000	
		Safety management	37,769	
		Tours & Industrial visits	127,680	
		Irregular staffs	442,462	
		Korean Pavilion & Information Desk	51,462	
		Operation fee	102,163	
		Acquisition fee	126,558	
		Interpreters	175,106	
		Miscellaneous operation expenses	1,845,232	

<Sponsorship>

Classification	Sponsor			Amount
	At home	Overseas	Total	(Unit : 1,000won)
Total	49	27	76	9,484,661
Facility Equipment	35	24	59	9,166,867
Material	14	3	17	317,794

Beneficiary business

In December 2000, with the approval of beneficiary business, the scale of beneficiary business was decided in admission ticket sales, emblem business and booth rental business. Business was concentrated mostly on the admission ticket sales, and through 2 deliberations the prices and extent of free admission were decided.

Tickets sales began 3 months earlier than the competition. The entrance tickets were mostly reserved by the group visitors of the member countries. All revenue coming from the beneficiary business will be set aside as the Skills Promotion Fund that will help boost the morale of the skilled technicians in Korea.

<Beneficiary business>

(Unit : 1,000won)

Classification	Amount			Expenses	Balance
	Money	Goods	Total		
Total	269,490	15,909	285,399	87,365	198,034
Entrance ticket	62,379		62,379	2,237	60,142
Logo right	50,000	15,909	65,909	40,909	25,000
Rent	100,749		100,479	35,759	64,720
Miscellaneous	56,632		56,632	8,460	48,172

Admission fee & Visitors

Admission fee fixations

The final admission fee for the competition was fixed as following through 2 Beneficiary Business Committee meetings.

Opening · Closing Ceremony, Daily pass : Adults 5,000₩, Students 2,000₩

4-day Competition site pass : Adults 10,000₩, Students 4,000₩

Technical Highschool, Vocational Training Institutes students : Free admission

I.D. cards were issued to sponsors of facilities and equipment that enabled free entrance at all time during the competition period.

A total of one hundred thousand Korean and foreign visitors visited the competition site, and among this number 12,195 visitors made paid admission. The total revenue coming from the admission ticket sales reached 62,378,900 Korean won.

Visitors

Over 30 thousand students attended the Opening · Closing Ceremony and made visits to the competition site. Gift vouchers came with entrance tickets, which drew a lot of interest and excitement. An emergency medical team and fire trucks provided by Kangnam Gu district office were always on the stand-by just in case of any accident on the site.

The Prime Minister of Korea, Mr. Lee Han-Dong, Minister of Labor, Mr. Yoo

Yong-Tae, Mayor of Seoul City, Mr. Goh Kun, fashion designer, Andre Kim, Deputy Prime Minister an Minister of Labor of Thailand, Prof. Dej Boon-Long, Minister of Education of the United Arab Emirates, Mr. A Abdul Aziz Al-Sharhan, Minister of Traffic & Construction of Switzerland, Mr. Hans Ulrich Stockling, an other dignitaries attended the Opening and Closing Ceremony. During the Closing Ceremony, representative from Korean and international sponsor such as Hyundai Motors, Rockwell Automation, sent their delegation t make the ceremony more significant. Especially, the president of Korea, Mr. Kim Dae-Jung's visit to th competition site played a big role in lifting the spirits of the candidates.

Non-member countries participation

The Organization Committee made efforts to promote the participation of non-member countries by invitin institutes in charge of vocational training and human resources development in those countries.

Developing countries, major cooperation countries and former member countries were on the invitation lis And, the method of inviting these countries were through the embassies of each country in Korea, Korea Embassy in each country and through the WorldSkills. And, as a result of our efforts, 10 participants fro vocational training and human resources development institutes from 5 non-member countries, Venezuela Indonesia, Vietnam, Kazakhastan and Jamaica participated in the 36th World Skills Competition.

2 packages (4 day/8 day package) were ready for them so that they could join the programs for the Opening Closing Ceremony, competition site, tours & industrial visits and institutes & universities. All package prices were borne by the non-member countries.

They showed great interest and enthusiasm. It was told that they would wish to join the WorldSkills in th future. The invitation and participation of the non-member countries was an excellent opportunity to broaden the understanding of the World Skills Competition.

Public relation/Promotion

For more specialized local-international promotion of the 2001 36th World Skills Competition, a professiona promotional company was contracted. Together with the promotional company, the Organization Committee established a variety of promotional strategies according to each stage and target of promotion. Effective promotional activities were carried out emphasizing the importance of skills and the roles of the technicians o our country to create a social atmosphere of respecting the skilled technicians.

- Promotion through broadcasts
- Promotion through media relations (newspaper · magazines, etc..)
- Promotion through outdoor · indoor advertising media
- Commissioning honorary promotional agents
- Various events advertising the competition
- Promotion through publication and visual media
- Operation of press center

The competition site, Opening · Closing Ceremonies were constantly broadcasted through the press center that was fully equipped with the communication · computers · office appliances and equipment. The press center was assisted with full time interpreters for the foreign press. ID cards, accurate press release, press lounge, etc. were provided for the press center to make certain of prompt and wide variety of press coverage.

Official web-site

The Organization Committee opened the official website in January 2000 to assist our local and international promotional activities and to provide information on the competition more efficiently to the member countries.

The website consisted of 8 major menus - Overview of the 36th World Skills Competition, Organization Committee, Competition, Participating countries, Sponsors, General information, What's new and Bulletin Boards. 28 Sub-menus covered information on the introduction, history, trade, etc.. The amount of information carried in all the menus reached 130 pages. The website was serviced in Korean and the 3 official languages, English, French and German.

Pavilion Booths

During the competition period September 13~16, 2001, various pavilion booths were operated in the Pre-function areas of COEX. Korean Pavilion and the 2002 FIFA Worldcup Games Booth exhibited and promoted Korea's traditional culture, and the International Pavilion gave an opportunity to the member countries to exhibit and promote their countries and cultures.

Korean Pavilion

The Korean Pavilion, which was opened on the first floor of COEX, housed a total of 29 interesting booths for the Human Resources Development Service of Korea (HRD Korea), Vocational training demonstration, Korean

Master Craftsmen, Seoul City, 2002 FIFA Worldcup Games, Visit Korea 2001. The Korean Pavilion attracted lot of the member country's delegation, foreign tourists and Korean visitors by providing a wide variety interesting exhibitions on Korea's traditional skills and its excellency.

International Pavilion

During the competition period, member countries of the WorldSkills Organization were given the opportuni to exhibit and promote their traditional cultures and vocational training systems to the visitors at the Internation Pavilion on the Pre-function area of COEX 3rd Fl. 16 countries participated in this meaningful event.

Information Desks

Information desks were prepared at the 8 major spots in COEX, the competition site. In these informatio desks 27 staff were stationed to help the 100,000 local and foreign visitors with useful information, interpretation distribution of various promotional materials and information on the competition.

Exhibition of Medal-Awarded Works

During the Awarding Ceremony on September 19, 2001 (Wed.), an exhibition of medal awarded works was held outside the Olympic Fencing Gymnasium from 15:00 to 20:00(5 hours). A total of 49 works from 19 trades (16 Official, 3 Presentation) were exhibited to the public. Explanations on the work, awarded medal type, etc. were attached to each work for their easier understanding.

Competition site set-up

The competition site set-up was made in 4 exhibition halls and on the roof of COEX considering the trade similarity, efficient layout & maintenance of facilities and equipment, the convenience of the spectators. The 5 competition sites hosted all the 45 trades of the 36th World Skills Competition, 39 official trades and 6 presentation trades.

1 meter tall adjustable system walls were erected between trades for easy distinction. These system walls were quick and easy to assemble and disassemble, while they could not be fixed onto the floor.

Most of trades did not need separate flooring, and the original concrete floor of the exhibition hall was sufficient which helped reduce the expenses in setting up the competition site. However, additional carpets were used in a few trades that needed a pleasant workshop environment such as the Ladies' Dressmaking and Floristry.

For trades that needed extra lightings from the already installed lighting systems, additional lights were installed. Information on all the necessary facilities were noted in advance and prepared accordingly. However, for trades without the prior information, installation took place during the setting-up process of the competition.

<Competition sites>

Classification	Size[m^2]	Trade Name
Total	63,042	Offcial Trade : 39, Presentation Trade : 6
The 1st site (Pacific Hall)	10,368	Fitting(1), Press Tool Making(2), Instrument Making(3), Mechatronics(4), Turning/CNC(6), Milling/CNC(7), Painting & Decorating(22), Plastering(23), Jewellery(27), Floristry(28), Men's Hairdressing(29), Ladies' Hairdressing(30), Presentation*(MTC)*
The 2nd site (Indian Hall)	8,010	Construction Steel Work(8), Welding(10), Autobody Repair(13), Sheet Metal Work(14), Automobile Technology(33), Car Painting(36)
The 3rd site (Atlantic Hall)	10,368	Pattern Making(11), Plumbing(15), Commercial Wiring(18), Industrial Wiring(19), Cabinet-making(24), Joinery(25), Carpentry(26), Landscape Gardening(37), Refrigeration(38)
The 4th site (Convention Hall)	7,281	Mechanical Engineering Drawing And Design/CADD(5), Information Technology Software Application(9), Industrial Electronics (16), Ladies' Dressmaking(31), Confectioner (Pastry-Cook)(32), Cooking(34), Restaurant Service(35), IT PC & Network Support(39), Graphic Design(40), Presentation(Web Design, Mother of Pearl & Lacquerware, Hand Embroidery)
The 5th site(Roof)	8,253	Wall & Floor Tiling(12), Bricklaying(20), Stone-masonry(21)
Prefunction (3rd Fl.)	264	Presentation (Computer Aided Architectural Design & Drafting/CAD, Computer Aided Control)
Secondary Facilities	18,498	Promotion Booth, Temporary Restaurant (1, 3Fl.), etc.

• Secondary facilities are Grand Ball Room, Conference Center, Pre-functions (1, 3 Fl.), Loading Docks (1, 3 Fl.), etc..
• Total size of the competition sites : 44,544㎡

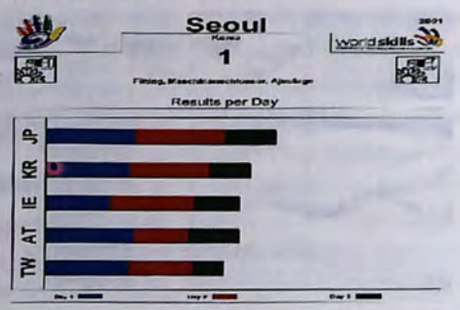
Competition site operation

Various systems and events

For the first time, the graphic marking system was introduced for the module trades that showed the results

and ranking of the candidates live. This system attracted the interest and attention of all the visitors.

Monitors were placed at the main entrances of the competition sites to provide live broadcast of the candidates in competition. In order to provide these dynamic images, an ENG camera was used and these images were also provided on the official website.



Electricity supply & sanitation

Two stations were prepared for power. One is the main actually used during the competition and the other was the stand-by just in case of electricity failure. The electricity for each workshop was provided through separate terminals so that electricity failure in 1 workshop did not affect other workshops.

For computer related trades, UPS systems were installed to prepare for any accidents that might happen. Fume and dust extractors were installed to make a pleasant workshop environment.

Competition site safety

In-house gas supplying facility was installed that had passed the safety test by Korea Gas Safety Corporation, COEX and a gas installing company. LPG gas was supplied for the Cooking, Restaurant Service and Confectioner, while welding related trades (total 6 trades) were supplied with gas in separate containers. An additional gas storage was prepared on the roof of COEX for any emergencies that might occur during the competition.

Safety regulations were closely observed and frequent inspection on electricity, fire evacuation, etc was conducted by the Korea Gas Safety Corporation. All workshops were equipped with additional fire extinguishers (2 types, total 86) and first-aid kits (45 kits, 45 kits reserve). A medical team from the official hospital was on the stand-by for the whole period of the competition. Fire engines of COEX were stationed at each cargo entrance, and directions on emergency exits were placed at each workshops for the safety of all the participants.

Insurance

The Organization Committee notified all participants that any injuries during the competition would be the responsibility of the participant. However, the Organization Committee made sure that the 445 staff (volunteers, shopmasters, assistant staff) would be covered by insurance for any casualties that may occur on site. There was no accident during the competition, but, a few participants did suffer from changes in environment and minor injuries. Minor injuries were treated at the official hospital at the cost of each member country by means of its own insurance.

All equipment and facilities that were leased for the competition were fully covered by fire, burglary, damage insurance. No reports were placed on damages of the equipment and facilities, but a 24 hour security was placed at all competition sites for precaution.

Equipment · Tool Pool

Equipment and tools were the most essential factors of the competition and their preparation took up the most time and efforts. Insufficient data and uncertain number of participants made it even more difficult to prepare the competition site and fix the quantity.

The number of candidates of the 35th Montreal World Skills Competition was used as reference together with the advice from various experts in these fields.

Technical Binder

The Organization Committee prepared the Technical Binder based on the technical binders of previous World Skills Competitions and the advice from experts who had participated in previous competitions. These experts together with the experts of each trade, helped analyze the technical binders to make the draft of the Technical Binder in the 3 official languages, English, French and German. This Technical Binder was presented at the Technical Committee Meeting of Lisbon General Assembly in June, 2000. After that, the Technical Binder was revised 3 more times through further reviews and discussions. The final copy of the Technical Binder was

distributed to each member country during the Seoul Technical Committee Meeting held in March 2001.

Equipment & Tool Pool

The Organization Committee was sponsored by over 75 Korean and international companies. 45,553 pieces of equipment and tools (worth over 9.1 billion Korean won) were sponsored. All other equipment and tools were either purchased, donated or leased.

Installation of equipment & tools

It was almost impossible to rent COEX to give sufficient installation period for the equipment and tools. In less than 2 short weeks from September 1 to 12, 2001, 1,563 types (total 45,553 pieces) of equipment and tools were installed at each competition site. A database on the equipment and tools was built for efficient management which eventually made it easy for the installation and the dismantling of the competition site.

Materials

In order to secure the materials for the competition, a priority principle was set to use the Korean-made meeting Korean Standard (KS). All materials were prepared for an additional 2-3 candidates for each trades. The list of materials was based on the Trade Description and the Technical Binder of the 35th Montreal World Skills Competition. This Technical Binder was primarily made in Korean and then translated into English. A thorough review was carried out by the technical advisors of each trade. After strict go-over and heavy discussions, 1,200 material samples of 15 trades were selected and dispatched to each member country in October 2000.

Material sponsors were also procured in order to reduce the expenses and provide an opportunity for companies to promote their companies directly or indirectly. As a result, 18 local and foreign companies, such as Hyundai Motors, Rockwell Automation, etc.. supported the competition through material sponsorship worth over 300 million Korean won.

Interior decoration

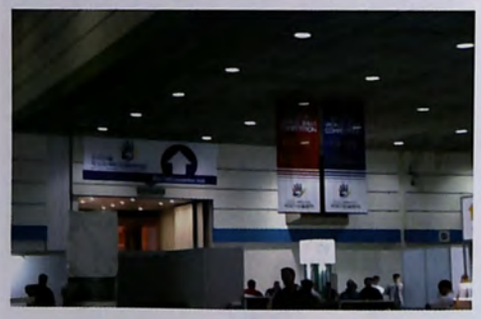
Decorations in the competition sites were placed not to interfere with the competition and to provide convenience to the spectators. EI (Event Identification) system was applied to all decorations to give an integrated image of the competition and to give a dynamic feeling of skills · technology together with the traditional Korean touch.

Low-partition, Trade Sign Post, Trade Information Boards (LCD monitor)

To distinguish the workshops from the pathways, trades were divided into different sections. Entrance of spectators were restricted into each workshop in order not to interfere with the competition. Each section was distinguished according to different colors and signposts. Trade information boards installed at each workshop entrance provided information on the trade, list of participating candidates, and experts, which greatly helped the spectators understand more about the trade and the competition itself.

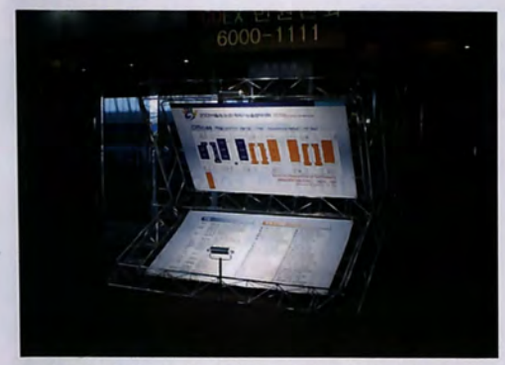
Direction posts, banners and placards

A wide variety of direction posts were used to give information on the location of each workshop within the competition site. Banners and placards were also used within the competition site, East gate lobby, pre-function lobby, Pacific Hall, etc.. to give information on the competition and location of each workshop.



Meeting Rooms & Offices · Int'l Pavilion Information Boards

Placed at the main entrance of meeting rooms & offices and International Pavilion Booths. Each meeting rooms and booths were given their trade numbers in order to provide easy identification.



<Meeting Rms & Offices Information Board>

<Int'l Pavilion Information Board>

Competition Test Project

Test project selection meetings were held at COEX from September 8 through 10, 2001. Since the competition site was not fully completed at this time, separate meeting rooms were rented at COEX for these purposes. For the selected test projects, translation and printing was completed and distributed to the candidates on the first day of the competition, September 13, 2001. Most of the test projects could be completed within 20 hours. Since the projects were prepared in the 3 official languages, English, French and German. candidates using languages other than these 3 languages were given explanations in their own languages.

The Competitions

From September 13 through 16, 2001, competition of 45 trades (39 official trades, 6 presentation trades) were held at the 5 competition sites in COEX. A total of 657 competitors competed for the honor of their country. In advance to the beginning of the first day competition, training for the candidates took place from 9AM to 10AM. After the training, the competition began from 10AM.

Most of the competition that took place in the morning finished around noon and lunch was served from noon until 14:00. Competition in the afternoon took place between 14:00~18:00, but the ending time differed trade by trade.

Competition on the second day began from 9AM. A large number of spectators crowded on this day which made the Organization Committee a bit concerned about the safety of the visitors, however, thanks to the spectators orderly manner of speculation, no accidents were reported on this day.

On the third day of competition, Mr. Kim Dae Jung, president of Korea, visited the competition sites to encourage the competitors and competition staff members.

The last day of competition ended at 15:00, and exchange of experience was shared at each workshop. Candidates began packing their tool boxes and clearing up the workshops.

The trades that received the most attention from the spectators during the competition were the Ladies' Hairdressing, Floristry, Autobody Repair, Restaurant Service, etc.. Results of the previous day's competition were shown to the spectators through a newly introduced system, which also played a big role in attracting the interest of the general spectators.

Results of the competition

Medals by country

No	Country	Total	Gold	Silver	Bronze	Certificate
1	United Arab Emirates	-				
2	Austria	7	4	1	2	9
3	Australia	4	3	1		12
4	Belgium	-				4
5	Brazil	2			2	11
6	Canada	2		1	1	9
7	Switzerland	11	3	3	5	14
8	Germany	10	5	4	1	14
9	Denmark	-				1
10	France	7	3	3	1	11
11	Finland	2		2		8
12	Hong Kong	-				4
13	Ireland	2	1		1	10
14	Iran	-				
15	Japan	10	4	2	4	10
16	Korea	32	20	5	7	5
17	Liechtenstein	1	1			4
18	Luxembourg	-				
19	Morocco	-				
20	Macao	-				
21	Malaysia	-				4
22	Norway	2			2	6
23	Netherlands	1		1		8
24	New Zealand	-				7
25	Portugal	1		1		2
26	Philippines	-				1
27	Taiwan	16	3	5	8	14
28	Saudi Arabia	-				
29	Sweden	4	1	1	2	7
30	Singapore	5	2	2	1	2
31	Italy, South Tyrol	4		3	1	3
32	Thailand	2	1		1	6
33	Tunisia	-				
34	United Kingdom	-				16
35	United States	3		2	1	2
	Total	**128**	**51**	**37**	**40**	**204**

Medals by trade

No.	Trade	Results		
		Gold	Silver	Bronze
1	Fitting	Korea · Japan	-	Taiwan · Austria
2	Press Tool Making	Korea	Japan · Austria	-
3	Instrument Making	Japan	Korea	Taiwan
4	Mechatronics	Korea · Switzerland	-	Singapore
5	ME, Drawing & Design CAD	Korea	Singapore	Taiwan
6	Turning/CNC	Austria	Korea · US	-
7	Milling/CNC	Japan	Korea	Taiwan
8	Construction Steel Work	Korea	Taiwan	Ireland · Switzerland
9	Information Technology Software Application	Singapore	Taiwan	Korea
10	Welding	Korea · Thailand	-	US
11	Pattern Making	Korea · Switzerland	-	Japan · Taiwan
12	Wall & Floor Tiling	Germany	Korea · France	-
13	Autobody Repair	Korea · Taiwan	-	Japan
14	Sheet Metal Work	Korea	Japan	Taiwan
15	Plumbing	Austria · Korea	-	Switzerland
16	Industrial Electronics	Liechtenstein · Germany	-	Korea
18	Commercial Wiring	Korea · Australia	-	Japan
19	Industrial Wiring	Japan · Germany	-	Korea · Taiwan · Brazil
20	Bricklaying	France · Ireland · Taiwan	-	-
21	Stonemasonry	Korea	Germany	France · Switzerland
22	Painting & Decorating	Austria	Italy	Switzerland
23	Plastering	France	Germany	Korea
24	Cabinet Making	Taiwan	Germany	Korea · Italy
25	Joinery	Korea	Switzerland · Taiwan	-
26	Carpentry	Korea	Germany · Italy	-
27	Jewellery	Korea	Portugal	Thailand
28	Floristry	Sweden	Switzerland · Finland	-
29	Ladies' Hairdressing	France	Sweden	Norway
30	Men's Hairdressing	Korea	France	Sweden · Norway
31	Ladies' Dressmaking	Korea	Taiwan	Japan
32	Confectioner	Austria	Italy · France	-
33	Automobile Technology	Korea	United States	Switzerland
34	Cooking	Germany	Korea · Switzerland	-
35	Restaurant Service	Korea	Canada	Austria
36	Car Painting	Korea	Taiwan	Sweden
37	Landscape Gardening	Switzerland	Netherlands	Canada · Germany
38	Refrigeration	Germany · Australia	-	Korea · Taiwan
39	IT PC & Network Support	Singapore	Australia · Finland	-
40	Graphic Design	Australia	Singapore	Brazil · Korea